Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
Data File : BP007966.D
Acq On : 13 Nov 2021 13:58
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Nov 15 04:41:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 04:38:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	154894	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	610086	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	425434	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	894816	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1036212	20.000	ng		0.00
86) Perylene-d12	23.739	264	1209285	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	717924	78.605	ng		0.00
7) Phenol-d6	7.022	99	968237	73.244	ng		0.00
23) Nitrobenzene-d5	9.004	82	928209	81.728	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	526407	86.701	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2334234	79.902	ng		0.00
79) Terphenyl-d14	19.804	244	4041763	79.426	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	146614	42.344	ng		94
3) Pyridine	3.734	79	430258	42.459	ng		95
4) n-Nitrosodimethylamine	3.640	42	168721	38.932	ng	#	96
6) Aniline	7.169	93	565802	37.999	ng		98
8) 2-Chlorophenol	7.410	128	400430	39.785	ng		97
9) Benzaldehyde	6.981	77	291099	40.496	ng		95
10) Phenol	7.046	94	489619	38.786	ng		96
11) bis(2-Chloroethyl)ether	7.269	93	382986	38.008	ng		97
12) 1,3-Dichlorobenzene	7.734	146	450154	40.215	ng		98
13) 1,4-Dichlorobenzene	7.875	146	456008	39.870	ng		99
14) 1,2-Dichlorobenzene	8.193	146	443078	40.087	ng		99
15) Benzyl Alcohol	8.087	79	387198	38.688	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.375	45	438502	37.125	ng		95
17) 2-Methylphenol	8.293	107	342801	39.270	ng		99
18) Hexachloroethane	8.922	117	158017	39.953	ng		90
19) n-Nitroso-di-n-propyla...	8.657	70	303156	37.472	ng		94
20) 3+4-Methylphenols	8.622	107	475882	38.754	ng		98
22) Acetophenone	8.669	105	628030	40.855	ng	#	97
24) Nitrobenzene	9.046	77	443953	41.078	ng		97
25) Isophorone	9.581	82	815576	39.513	ng		98
26) 2-Nitrophenol	9.757	139	235469	43.021	ng		96
27) 2,4-Dimethylphenol	9.822	122	338082	40.194	ng		95
28) bis(2-Chloroethoxy)met...	10.057	93	530937	38.982	ng		98
29) 2,4-Dichlorophenol	10.293	162	419165	41.448	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	464118	41.264	ng		99
31) Naphthalene	10.693	128	1248807	40.465	ng		99
32) Benzoic acid	9.993	122	309640	42.705	ng		94
33) 4-Chloroaniline	10.804	127	542515	39.907	ng		98
34) Hexachlorobutadiene	10.981	225	322903	43.726	ng		98
35) Caprolactam	11.604	113	93233	26.411	ng		90
36) 4-Chloro-3-methylphenol	11.940	107	465878	40.780	ng		99
37) 2-Methylnaphthalene	12.304	142	915150	40.201	ng		99
38) 1-Methylnaphthalene	12.522	142	889266	39.870	ng		100
40) 1,2,4,5-Tetrachloroben...	12.675	216	565641	42.412	ng		98
41) Hexachlorocyclopentadiene	12.657	237	273363	38.271	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	394631	42.363	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	422233	41.844	ng		97
46) 1,1'-Biphenyl	13.316	154	1240188	40.374	ng		97
47) 2-Chloronaphthalene	13.357	162	975311	40.859	ng		99
48) 2-Nitroaniline	13.563	65	292327	42.561	ng		98
49) Acenaphthylene	14.204	152	1528094	40.763	ng		99
50) Dimethylphthalate	13.945	163	1323021	40.291	ng		100
51) 2,6-Dinitrotoluene	14.063	165	283539	41.754	ng		93
52) Acenaphthene	14.545	154	905313	39.986	ng		99
53) 3-Nitroaniline	14.392	138	296009	40.858	ng	#	95
54) 2,4-Dinitrophenol	14.598	184	183865	44.044	ng	#	89
55) Dibenzofuran	14.881	168	1453278	37.945	ng		97
56) 4-Nitrophenol	14.704	139	240614	39.103	ng		92
57) 2,4-Dinitrotoluene	14.851	165	374513	40.061	ng		90
58) Fluorene	15.534	166	1104690	38.027	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	372265	40.982	ng		93
60) Diethylphthalate	15.310	149	1246022	39.086	ng		100
61) 4-Chlorophenyl-phenyle...	15.528	204	619223	39.025	ng		98
62) 4-Nitroaniline	15.557	138	292002	39.685	ng		91
63) Azobenzene	15.822	77	1058671	39.346	ng		98
65) 4,6-Dinitro-2-methylph...	15.622	198	259608	44.308	ng		90
66) n-Nitrosodiphenylamine	15.745	169	1026920	40.312	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	425736	42.977	ng		97
68) Hexachlorobenzene	16.545	284	478905	43.325	ng		93
69) Atrazine	16.704	200	276725	28.368	ng		98
70) Pentachlorophenol	16.892	266	310918	43.733	ng		97
71) Phenanthrene	17.280	178	1893643	40.256	ng		99
72) Anthracene	17.375	178	1873636	40.473	ng		100
73) Carbazole	17.645	167	1850910	40.223	ng		99
74) Di-n-butylphthalate	18.204	149	2149508	41.016	ng		99
75) Fluoranthene	19.251	202	2413851	40.679	ng		98
77) Benzidine	19.427	184	717304	27.467	ng		99
78) Pyrene	19.604	202	2503528	39.391	ng		99
80) Butylbenzylphthalate	20.480	149	1068340	39.997	ng		95
81) Benzo(a)anthracene	21.316	228	2740440	40.143	ng		100
82) 3,3'-Dichlorobenzidine	21.251	252	1320925	57.623	ng	#	99
83) Chrysene	21.369	228	2613600	40.442	ng		99
84) Bis(2-ethylhexyl)phtha...	21.245	149	1470132	38.376	ng	#	98
85) Di-n-octyl phthalate	22.174	149	2818276	40.897	ng		96
87) Indeno(1,2,3-cd)pyrene	26.256	276	3527511	39.134	ng	#	94
88) Benzo(b)fluoranthene	23.010	252	2835683	39.780	ng	#	98
89) Benzo(k)fluoranthene	23.057	252	2939104	41.542	ng	#	98
90) Benzo(a)pyrene	23.633	252	2487957	40.308	ng	#	98
91) Dibenzo(a,h)anthracene	26.274	278	2913555	38.997	ng	#	96
92) Benzo(g,h,i)perylene	27.027	276	2875426	38.796	ng	#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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